

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	1	(09/956568).APP.	USPAT; USOCR	OR	ON	2009/10/06 11:37
L23	10	("5077228"   "5607875"   "5777362"   "5807783"   "5828101"   "5920108"   "6020270"   "6130458"   "6514857").PN. OR ("6680232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 11:37
S1	31	((RONALD) near2 (KAKOSCHKE)).INV.	US-PGPUB; USPAT	OR	ON	2008/03/06 11:59
S2	95	((HELMUT) near2 (TEWS)). INV.	US-PGPUB; USPAT	OR	ON	2008/03/06 11:59
S3	1	("20010036705").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 15:30
S5	969	257/E21.41,E29.262.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 11:45
S6	174	(channel and first and second and terminal and depression).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 11:54
S7	1	("2006/0211264").URPN.	USPAT	OR	ON	2009/01/21 12:00
S8	1	(10/513163).APP.	USPAT; USOCR	OR	ON	2009/01/21 12:00
S9	6	("20030007386"   "5796167"   "6008522"   "6348374"   "6734482"   "6787843").PN. OR ("7176088").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 12:00
S10	240	(channel and first and second and terminal and trench).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 12:03
S11	1	(09/803325).APP.	USPAT; USOCR	OR	ON	2009/01/21 12:38

S12	21	("20020038886"   "4571512"   "4914058"   "5021845"   "5242845"   "5504028"   "5637898"   "5682048"   "5973360"   "6072215"   "6140678"   "6177704"   "6184555"   "6285060"   "6307231"   "6359308"   "6362505"). PN. OR ("6600194"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 12:38
S13	1	(09/956568).APP.	USPAT; USOCR	OR	ON	2009/01/21 12:52
S14	10	("5077228"   "5607875"   "5777362"   "5807783"   "5828101"   "5920108"   "6020270"   "6130458"   "6514857").PN. OR ("6680232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 12:52
S15	38	("3518509"   "4334235"   "4707721").PN. OR ("5016067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 13:13
S16	36	("3518509"   "3924265"   "4334235"   "4398339"   "4466176"   "4503449"   "4697201"   "4707721"). PN. OR ("5160491"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 13:15
S17	38	("4951102"   "5443992"   "5581101"   "5627097"). PN. OR ("5864158"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 13:16
S18	2	("4890144"   "5160491"). PN. OR ("7015103"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 13:19
S19	1681	257/330.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:45
S20	376	S19 and (gate adj trench)	US-PGPUB; USPAT	OR	ON	2009/01/21 13:45
S21	1833	438/778.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:46
S22	1	S21 and (gate adj trench)	US-PGPUB; USPAT	OR	ON	2009/01/21 13:46
S23	1294	S19 and (gate with trench)	US-PGPUB; USPAT	OR	ON	2009/01/21 13:46
S24	1254	257/192.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:49

S25	858	257/329.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:51
S26	2	("5134448"   "6436770"). PN. OR ("7323745"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 14:09
S27	100	S24 and (gate with trench)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:12
S28	513	S25 and (gate with trench)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:12
S29	15	(US-20060043420-\$ or US- 20060211264-\$ or US- 20010020720-\$ or US- 20020061621-\$).did. or (US-4462040-\$ or US- 5016067-\$ or US-5160491- \$ or US-5385853-\$ or US- 5864158-\$ or US-6215150- \$ or US-7015103-\$ or US- 7323745-\$ or US-6674099- \$ or US-5789769-\$ or US- 6337499-\$).did.	US-PGPUB; USPAT	OR	ON	2009/01/22 09:12
S30	6	S29 and (word bit memory)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 09:12
S31	4684	(word bit) and channel and ((gate control) near3 (trench depression)) and (terminal source drain)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:23
S32	1739	S31 and connecting	US-PGPUB; USPAT	OR	ON	2009/01/22 09:23
S33	24	"5682048"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:09
S34	1851	257/330.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:01
S35	256	257/241.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:17
S36	10	S35 and (gate with trench)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:17
S37	1851	257/330.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:17
S38	417	S37 and (gate adj trench)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:17
S39	1012	S34 and (gate with trench) not S38	US-PGPUB; USPAT	OR	ON	2009/09/22 15:17
S40	185	257/263.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:20

S41	9	S40 and (gate adj trench)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:20
S42	230	257/287.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:21
S43	4	S42 and (gate adj trench)	US-PGPUB; USPAT	OR	ON	2009/09/22 15:21
S44	784	S34 and (gate near2 trench) not S38	US-PGPUB; USPAT	OR	ON	2009/09/22 15:21
S45	766	257/331.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/05 16:18
S46	424	S45 and gate near2 trench \$2	US-PGPUB; USPAT	OR	ON	2009/10/05 16:18
S47	29	S46 and word and bit	US-PGPUB; USPAT	OR	ON	2009/10/05 16:24
S48	145	S46 and (word bit)	US-PGPUB; USPAT	OR	ON	2009/10/05 16:26
S49	1860	257/330.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/05 16:44
S50	1211	S49 and gate near2 trench \$2	US-PGPUB; USPAT	OR	ON	2009/10/05 16:44
S51	461	S50 and (word bit)	US-PGPUB; USPAT	OR	ON	2009/10/05 16:44
S52	156	S51 and memory	US-PGPUB; USPAT	OR	ON	2009/10/05 17:22
S53	1197	257/E21.41,E29.262.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/05 17:27
S54	76	S53 and gate near2 trench \$2 and (word bit) and memory	US-PGPUB; USPAT	OR	ON	2009/10/05 17:27
S55	1	257/287.ccls. and gate near2 trench\$2 and (word bit) and memory	US-PGPUB; USPAT	OR	ON	2009/10/05 17:27
S56	2	257/263.ccls. and gate near2 trench\$2 and (word bit) and memory	US-PGPUB; USPAT	OR	ON	2009/10/05 17:28
S57	2	257/241.ccls. and gate near2 trench\$2 and (word bit) and memory	US-PGPUB; USPAT	OR	ON	2009/10/05 17:28

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L6	116	(channel and (terminal source drain) and control and (trench depression) and (word bit) and memory).clm.	USPAT; UPAD	OR	ON	2009/10/06 10:45
L7	230	(channel and (terminal source drain) and control and (trench depression) and (word bit) and memory).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/10/06 10:45
L8	12	("6104045"   "6225165"   "6229161"   "6583452"   "6666481"   "6703646"   "6735113"   "6756612"). PN. OR ("6980457"). URPN.	US- PGPUB; USPAT	OR	ON	2009/10/06 11:13
L9	9	("20050026337"   "20050148118"   "5578522"   "5838026"   "6690039"   "6696323"   "6727528"   "6815734"   "6980457").PN. OR ("7183590").URPN.	US- PGPUB; USPAT	OR	ON	2009/10/06 11:19
L24	1	("2006/0211264").URPN.	USPAT	OR	ON	2009/10/06 11:45
S58	2643	(channel and (terminal source drain) and control and (trench channel) and (word bit) and memory). clm.	USPAT; UPAD	OR	ON	2009/10/05 17:30
S59	64	((HELMUT) near2 (TEWS)). INV.	USPAT; UPAD	OR	ON	2009/10/05 17:30
S60	20	((RONALD) near2 (KAKOSCHKE)).INV.	USPAT; UPAD	OR	ON	2009/10/05 17:30
S61	704	S58 and ("257".clas. "438". clas.)	USPAT; UPAD	OR	ON	2009/10/05 17:30

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